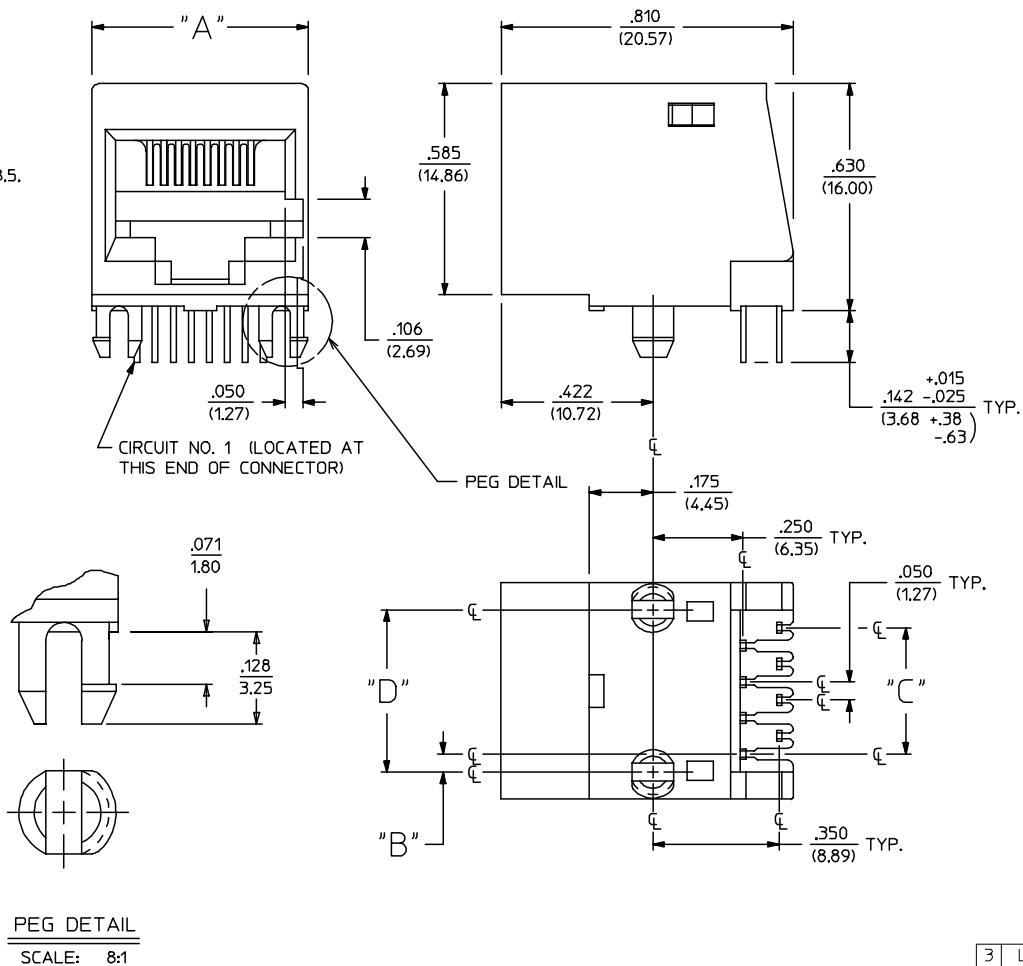


NOTES:

- 1) MATERIALS:
HOUSING: GLASS FILLED POLYESTER, UL94 V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
- 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.,
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD
IN THE PC TAIL AREA.
- 3) ALL JACKS MUST MEET THE REQUIREMENTS OF MOLEX SPECIFICATION #PS-41314.
- 4) PARTS ARE PACKAGED IN TRAYS.
- 5) JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC REGULATIONS, PART 68.5.
- 6) JACKS ARE TO BE USED WITH .062/(1.57) THICK PRINTED CIRCUIT BOARDS.
- 7) SEE SHEET 3 FOR RECOMMENDED PANEL CUT-OUT AND BOARD LAYOUT DIMENSIONS.
- 8) HOUSING SIZES 4 AND 6 ARE NOT AVAILABLE WITH KEYING OPTION.
- 9) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.



SIZE 8 MODULAR JACK HOUSING LOADED WITH 8 TERMINALS IS SHOWN ABOVE

HOUSING SIZE	CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
8	2	.600 (15.24)	.200 (5.08)	.050 (1.27)	.450 (11.43)
8	4	.600 (15.24)	.150 (3.81)	.150 (3.81)	.450 (11.43)
8	6	.600 (15.24)	.100 (2.54)	.250 (6.35)	.450 (11.43)
8	8	.600 (15.24)	.050 (1.27)	.350 (8.89)	.450 (11.43)

LEAD FREE PLATING EC NO: UCP2004-1331 DRW:LSCHMDT 2004/02/23 CHKD:LSCHMDT 2004/02/23 APPR:FSMITH 2004/02/26	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY		
	 = 0	 = 0	mm	INCH	DIMENSION STYLE IN/MM		TITLE RIGHT ANGLE FLANGELESS KEYED MODULAR JACK ASSEMBLY				
			4 PLACES	± ---	± ---	DRAWN BY DATE 1990/05/25					
			3 PLACES	± ---	± ---						
			2 PLACES	± ---	± ---						
			1 PLACE	± ---	± ---						
	ANGULAR ±1/2°				CHECKED BY DATE 1990/05/25	MOLEX MOLEX INCORPORATED					
	DRAFT WHERE APPLICABLE				APPROVED BY DATE 1990/05/25						
	MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. DOCUMENT NO. SHEET NO. SEE SHEET 2 SDA-42118-***** 1 OF 3						
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

	13	12	11	10	9	8	7	6	5	4	3	2	42118		
J	ENGINEERING PART NUMBER	E.D.P. NUMBER	HOUSING SIZE	CIRCUIT SIZE	PACKAGING										J
	A-42118-88ABAA	015-43-8501	8	8	TRAY PACK										
	A-42118-86ABAA	015-43-8504	8	6	TRAY PACK										
	A-42118-84ABAA	015-43-8507	8	4	TRAY PACK										
	A-42118-82ABAA	015-43-8510	8	2	TRAY PACK										
I	<u>SEE SHEET 1 FOR PART DESCRIPTIONS</u>														I
H														H	
G														G	
F														F	
E														E	
D														D	
C														C	
B														B	
A														A	
tb_frame_C_P_ME_T Rev. C 2002/05/05															
	12	11	10	9	8	7	6	5	4	3	2	1			

SEE SHEET ONE EC NO: UCP2004-1331 DRWN:LSCHMDT 2004/02/23 CHKD:LSCHMDT 2004/02/23 APPR:FSMITH 2004/02/26	QUALITY SYMBOLS ▽ = 0 ▽ = 0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
				mm	INCH	DIMENSION STYLE IN/MM			TITLE			
			4 PLACES	± ---	± ---	DRAWN BY		DATE	MOLEX INCORPORATED			
			3 PLACES	± ---	± ---	GLT		1990/05/25				
			2 PLACES	± ---	± ---	CHECKED BY		DATE				
			1 PLACE	± ---	± ---	BAP		1990/05/25				
			ANGULAR ±1/2°			APPROVED BY		DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			DRAFT WHERE APPLICABLE			RAS		1990/05/25	SEE CHART	SDA-42118-*****	2 OF 3	
			MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						C

SEE SHEET ONE
EC NO: UCP2004-1331
DRWN:LSCHMDT 2004/02/23
CHKD:LSCHMDT 2004/02/23
APPR:FSMITH 2004/02/26

QUALITY
SYMBOLS
▽ = 0
▽ = 0

DESCRIPTION
REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE

DESIGN UNITS
INCH

DIMENSION STYLE
IN/MM

DRAWN BY
GLT

DATE
1990/05/25

CHECKED BY
BAP

DATE
1990/05/25

APPROVED BY
RAS

DATE
1990/05/25

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

THIRD ANGLE
PROJECTION

REVISE ON CAD ONLY

TITLE
RIGHT ANGLE FLANGELESS
KEYED MODULAR JACK
ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SDA-42118-*****

SHEET NO.
2 OF 3

13

12

11

10

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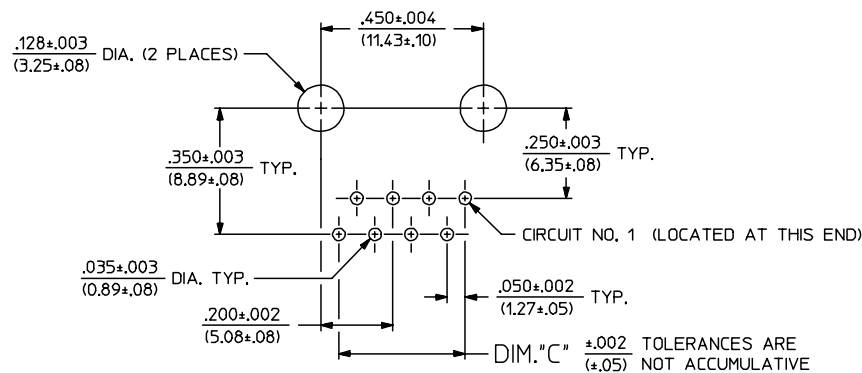
2

42118

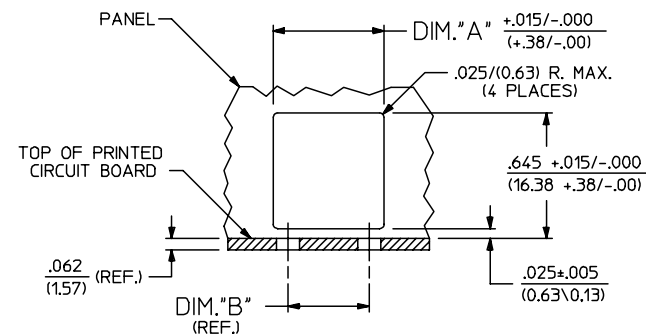
ENGINEERING PART NUMBER	HOUSING SIZE	CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"
A-42118-88XXXX	8	8	.615/(15.62)	.450/(11.43)	.350/(8.89)
A-42118-86XXXX	8	6	↑	↑	.250/(6.35)
A-42118-84XXXX	8	4	↓	↓	.150/(3.81)
A-42118-82XXXX	8	2	.615/(15.62)	.450/(11.43)	.050/(1.27)

NOTES:

- 1) RECOMMENDED BOARD LAYOUTS ARE SHOWN AS COMPONENT SIDE OF BOARD.
- 2) HOUSING SIZES 4 AND 6 ARE NOT AVAILABLE WITH KEYING OPTION.



PC BOARD LAYOUT FOR HOUSING SIZE 8



PANEL CUT-OUT GUIDELINES

DIM. "A" MUST BE SYMMETRICAL TO DIM. "B" WITHIN .005/(0.13)

SEE SHEET ONE EC NO: UCP2004-1331 DRAWN:LSCHMDT 2004/02/23 CHKD:LSCHMDT 2004/02/23 APPR:FSMITH 2004/02/26	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
REV	DESCRIPTION	DIMENSION STYLE IN/MM	DRAWN BY GLT	DATE 1990/05/25	TITLE PANEL/BOARD LAYOUTS FOR RIGHT ANGLE FLANGELESS MODULAR JACK ASSEMBLIES	SHEET NO. 3 OF 3
REV	DESCRIPTION	ANGULAR ±1/2°	CHECKED BY BAP	DATE 1990/05/25	MATERIAL NO. SEE SHEET 2	DOCUMENT NO. SDA-42118-XXXXXX
REV	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY RAS	DATE 1990/05/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	C

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